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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/715,496	11/19/2003	Hideki Kitahama	245451US90	4507

22850 7590 12/07/2006

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EXAMINER

HOANG, DANIEL L

ART UNIT PAPER NUMBER

2136

DATE MAILED: 12/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/715,496

Applicant(s)

KITAHAMA ET AL.

Examiner

Daniel L. Hoang

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11/19/03, 10/26/04, 5/16/06.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 10/26/04, 5/16/06.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 are rejected under 35 U.S.C. 102(e) as being anticipated by Syvanne, US PGP No. 20030097590.

As per claims 1 and 3, Syvanne teaches:

A communication control apparatus for implementing transmission and reception of data to and from a plurality of firewall devices connectible to a mobile station, the communication control apparatus comprising:

[see paragraph 10] "A computer device which can be connected to a home network and to a foreign network is provided with a local security mechanism, called a personal firewall herein, for protecting the computer device from attacks from a foreign network."

storing means for storing firewall configuration information suitable for the mobile station, in

correspondence with identification information of the mobile station;

[see paragraph 10] "The personal fire wall is provided with different sets of security rules, at least one set of rules for the home network and at least one set of rules for foreign networks."

detecting means for detecting a firewall device connected to the mobile station; and

[see paragraph 10] "The personal fire wall is arranged to detect its current location, i.e. to determine the network to which it is connected at each particular moment."

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transmitting means for, in conjunction with the detection of the firewall device connected to the mobile station, transmitting the firewall configuration information corresponding to the identification information of the mobile station, to the firewall device.

[see paragraph 10] "The personal firewall activates one of the given sets of security rules according to the detected current location of the computer device."

As per claim 2 and 4, Syvanne teaches:

A firewall apparatus for implementing relaying in transmission and reception of data between the communication control apparatus as set forth in claim 1, and a plurality of mobile stations, the firewall apparatus comprising:

retaining means for retaining a filtering condition included in the firewall configuration information, in correspondence with identification information of each mobile station;

[see paragraph 10] "the personal firewall automatically uses the security rules predefined for the network to which the computer device is connected at each particular moment."

distinguishing means for distinguishing a mobile station being a destination of a packet transmitted from the communication control apparatus; and

[see paragraph 11] "The current location of the computer device is preferably determined on the basis of a currently used IP address of the computer device."

determining means for determining the propriety of passage of the packet in accordance with the filtering condition corresponding to the mobile station distinguished by the distinguishing means.

[see paragraph 10] "Upon detecting a change in the location, the personal firewall immediately adapts to use security rules predefined for the new location."

CONCLUSION

The following patents and publications are cited to further show the state of the art with respect to remote device firewall protection.

US PGP No. 20030167405 to Freund et al., which is cited to show a system for automatic local network discovery and firewall reconfiguration.

US PGP No. 2002004847 to Tanno, which is cited to show a system for performing remote operation between firewall-equipped networks.

US Patent No. 6466779 to Moles, which is cited to show a system for secure provisioning of a mobile station from a provisioning server using IWF-based firewall.

US PGP No. 20030110294 to Luo, which is cited to show a secure in-band signaling method for mobility management crossing firewalls.

US PGP No. 20020066036 to Makineni et al., which is cited to show a system for secure network mobility.

* Any response to this Office Action should be **faxed to (571) 273-8300 or mailed to:**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

Customer Service Window
Randolph Building
401 Dulaney Street
Alexandria, VA 22314

* Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel L. Hoang whose telephone number is 571-270-1019. The examiner can normally be reached on Monday - Thursday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

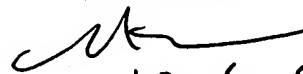
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Daniel L. Hoang



12/05/06

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12/6/06